

Case No. GCSD-1469 (51335)



COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

In re Application of: **CAIN ET AL.**  
Serial No.: **10/658,021**  
Filed: **SEPTEMBER 9, 2003**  
For: **MOBILE AD HOC NETWORK (MANET) PROVIDING  
QUALITY-OF-SERVICE (QoS) BASED UNICAST AND  
MULTICAST FEATURES**

Sir:

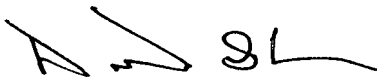
Transmitted herewith is an INFORMATION DISCLOSURE STATEMENT in the above-identified application.

1. ☐ This IDS is submitted under 37 C.F.R. § 1.97. No fee is required.
2. ☐ This IDS is submitted under 37 C.F.R. § 1.97(c). Enclosed is a check in the amount of \$ 180.00.
3. ☒ This IDS is submitted under 37 C.F.R. § 1.97(c) and (e). No fee is required.
4. ☐ This IDS is submitted under 37 C.F.R. § 1.97(d) and (e). Enclosed is a check in the amount of \$ 130.00 to cover the petition fee.
5. ☒ The Commissioner is hereby authorized to charge or credit any discrepancies in fee amounts to Deposit Account No. 08-0870.
6. ☒ Please associate this application with Customer No. 27975.

**\*27975\* 27975**

PATENT TRADEMARK OFFICE

Date: July 17, 2007

  
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DAVID S. CARUS  
Reg. No. 59,291



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
CAIN ET AL. )  
Serial No. 10/658,021 )  
Confirmation No: 2804 )  
Filing Date: SEPTEMBER 9, 2003 )  
For: MOBILE AD HOC NETWORK (MANET) )  
PROVIDING QUALITY-OF-SERVICE )  
(QoS) BASED UNICASE AND MULTI-) )  
CAST FEATURES )

CITATION UNDER 37 CFR §1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached is Form PTO-1449 listing a reference for consideration in the examination of the above-identified application. In accordance with current USPTO procedures published 05 AUG 2003, in 1276 OG 55, copies of the U.S. patent documents cited in the form 1449A are not attached. The undersigned would be happy to provide copies of these references if requested. It is requested that this reference be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR §1.97 and Section 609 of the MPEP.

Respectfully submitted,

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In Re Patent Application of:  
CAIN ET AL.  
Serial No: 10/658,021  
Filing Date: SEPTEMBER 9, 2003



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450, on this 17<sup>th</sup> day of July, 2007.

A handwritten signature in black ink, appearing to read "Justin D. [unclear]", written over a horizontal line.

**SUBSTITUTE FORM PTO-1449A  
LIST OF PATENTS AND  
APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT**

Atty Docket:  
Serial No.:  
Applicant:  
Filing Date:  
Group:

GCSD-1469(51335)  
10/658,021  
CAIN ET AL.  
SEPTEMBER 9, 2003

**U.S. PATENT DOCUMENTS**

| Examiner<br>Initials |    | Document<br>Number | Date | Name | Class | Sub<br>Class | Filing Date |
|----------------------|----|--------------------|------|------|-------|--------------|-------------|
|                      | AA |                    |      |      |       |              |             |
|                      | AB |                    |      |      |       |              |             |
|                      | AC |                    |      |      |       |              |             |
|                      | AD |                    |      |      |       |              |             |
|                      | AE |                    |      |      |       |              |             |
|                      | AF |                    |      |      |       |              |             |
|                      | AG |                    |      |      |       |              |             |
|                      | AH |                    |      |      |       |              |             |
|                      | AI |                    |      |      |       |              |             |
|                      | AJ |                    |      |      |       |              |             |
|                      | AK |                    |      |      |       |              |             |
|                      | AL |                    |      |      |       |              |             |

**FOREIGN PATENT DOCUMENTS**

|  |    | Document<br>Number | Date | Country | Class | Sub<br>Class | Translation |
|--|----|--------------------|------|---------|-------|--------------|-------------|
|  | AM |                    |      |         |       |              |             |
|  | AN |                    |      |         |       |              |             |
|  | AO |                    |      |         |       |              |             |
|  | AP |                    |      |         |       |              |             |

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

|  |    |   |
|--|----|---|
|  | AQ | Kui Wu et al., "QoS Support in Mobile Ad Hoc Networks", University of Alberta, Crossing Boundaries – an interdisciplinary journal, Vol. 1, No. 1, Fall 2001 |
|  | AR |   |
|  | AS |   |

**EXAMINER:**

**DATE CONSIDERED:**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.